Claim Amendments

Please amend claims 1, 13, and 17 as follows

Claims as Amended

1. (currently amended) An electrolyte for copper electroplating with improved wetting of a copper seed layer and improved deposition uniformity of said electroplated copper, comprising:

an electrolyte solution comprising a copper ion source; and

a <u>suppressor additive</u> copolymer comprising <u>consisting of</u> ethylene oxide and propylene oxide provid<u>eding</u> in said electrolyte solution;

an accelerator additive provided in said electrolyte
solution;

wherein said suppressor additive is at a higher concentration than said accelerator additive.

- 2. (original) The electrolyte of claim 1 wherein said copolymer is a block copolymer.
- 3. (original) The electrolyte of claim 1 wherein said ethylene oxide is present in said copolymer in a quantity of at least

about 60% by weight.

- 4. (original) The electrolyte of claim 1 wherein said copolymer is present in said electrolyte solution in a concentration of from about 50 ppm to about 500 ppm.
- 5. (original) The electrolyte of claim 1 wherein said copolymer is a random copolymer.
- 6. (original) The electrolyte of claim 5 wherein said ethylene oxide is present in said copolymer in a quantity of at least about 60% by weight.
- 7. (original) The electrolyte of claim 1 wherein said copolymer is an alternating copolymer.
- 8. (original) The electrolyte of claim 7 wherein said ethylene oxide is present in said copolymer in a quantity of at least about 60% by weight.
- 9. (original) The electrolyte of claim 1 wherein said ethylene oxide is present in said copolymer in a quantity of about 80% by weight and said propylene oxide is present in said copolymer in a

quantity of about 20% by weight.

- 10. (original) The electrolyte of claim 9 wherein said copolymer is a block copolymer.
- 11. (original) The electrolyte of claim 9 wherein said copolymer is a random copolymer.
- 12. (original) The electrolyte of claim 9 wherein said copolymer is an alternating copolymer.
- 13. (currently amended) An electrolyte for copper electroplating with improved wetting of a copper seed layer and improved deposition uniformity of said electroplated copper, comprising:

an electrolyte solution comprising a copper ion source;

- a <u>suppressor additive</u> copolymer comprising <u>consisting of</u>
 ethylene oxide and propylene oxide <u>that is not a block copolymer</u>
 provideding in said electrolyte solution; and
 - a leveling agent provided in said electrolyte solution;

an accelerator additive provided in said electrolyte
solution;

wherein said suppressor additive is at a higher concentration than said accelerator additive.

- 14. (original) The electrolyte of claim 13 wherein said copolymer is a block copolymer, selected from the group consisting of a random copolymer or and an alternating copolymer.
- 15. (original) The electrolyte of claim 13 wherein said ethylene oxide is present in said copolymer in a quantity of at least about 60% by weight.
- 16. (original) The electrolyte of claim 13 wherein said copolymer is present in said electrolyte solution in a concentration of from about 50 ppm to about 500 ppm.
- 17. (currently amended) A method of electroplating a metal copper on an electroplating surface comprising a copper seed layer to achieve improved wetting of said copper seed and improved deposition uniformity of said electroplated copper, comprising the steps of:

providing an electroplating surface comprising a copper seed
layer;

providing an electroplating bath solution comprising a source of copper ions;

mixing a <u>suppressor additive</u> copolymer comprising <u>consisting</u>
of ethylene oxide and propylene oxide with said solution in a
concentration of from about 50 ppm to about 500 ppm;

providing an accelerator additive in said electroplating
bath solution at a concentration less than said suppressor
additive;

immersing said electroplating surface comprising said copper seed layer in said solution to fully wet said copper seed layer; and

electroplating said metal copper onto said electroplating surface.

18. (original) The method of claim 17 wherein said copolymer is a block copolymer, a random copolymer or an alternating copolymer.

- 19. (original) The method of claim 17 wherein said ethylene oxide is present in said copolymer in a quantity of at least about 60% by weight.
- 20. (original) The method of claim 17 wherein said ethylene oxide is present in said copolymer in a quantity of about 80% by weight and said propylene oxide is present in said copolymer in a quantity of about 20% by weight.